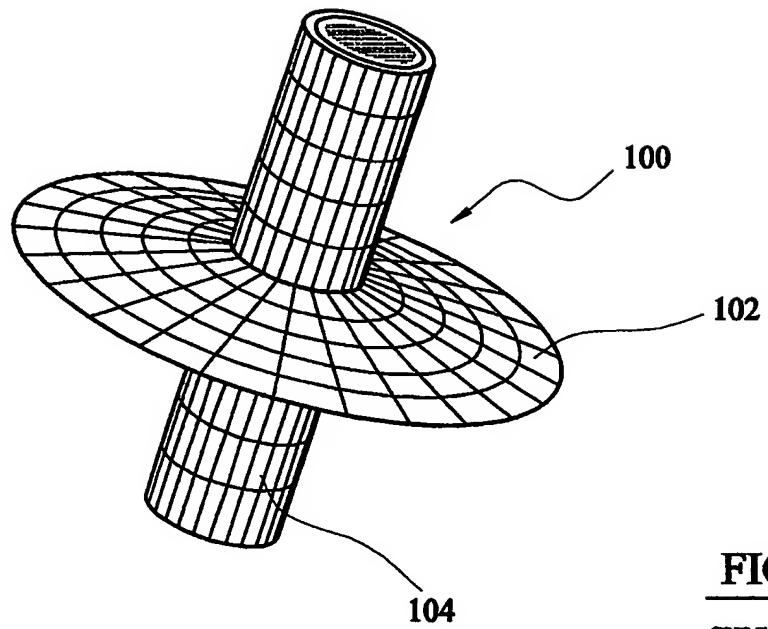
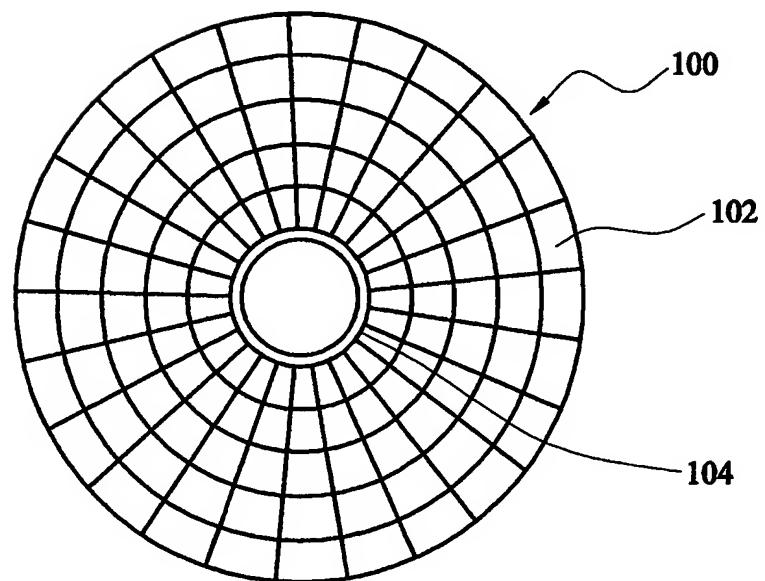


-1/5-



**FIG. 1**  
**(PRIOR ART)**



**FIG. 2**  
**(PRIOR ART)**

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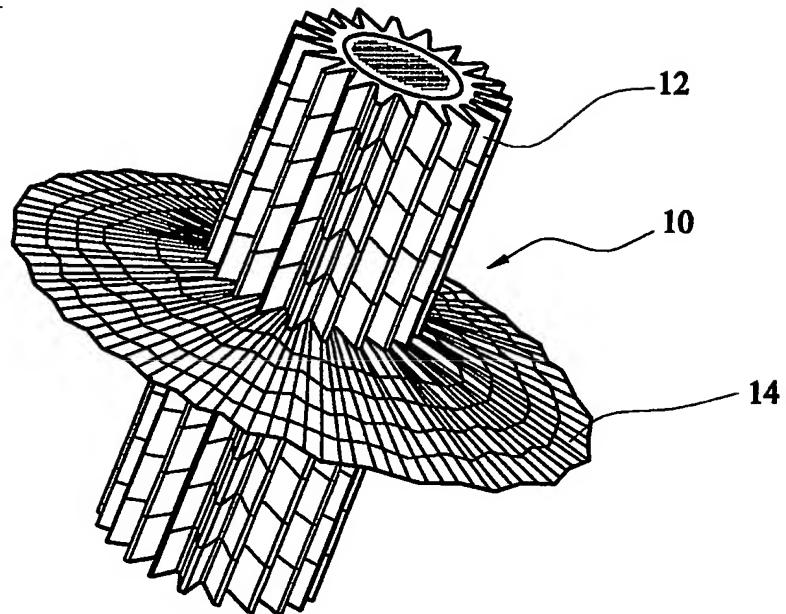


FIG. 3

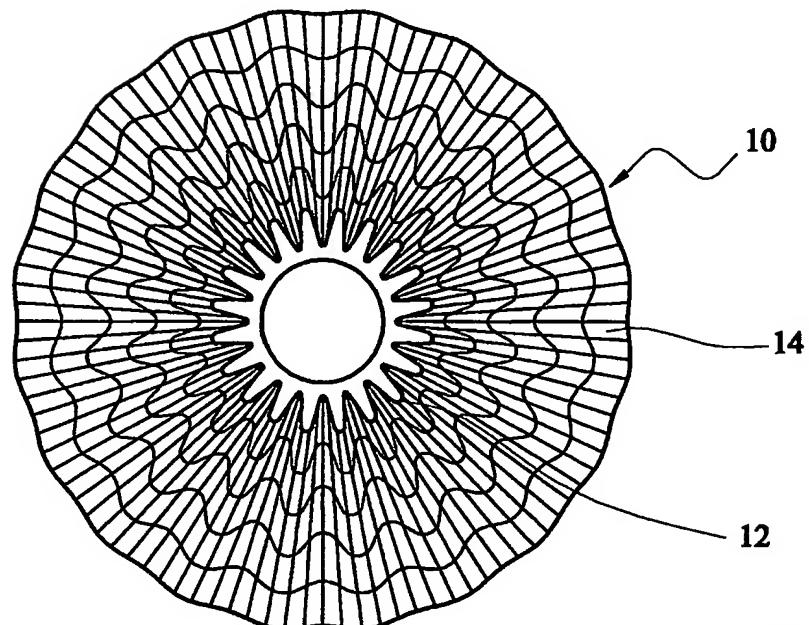
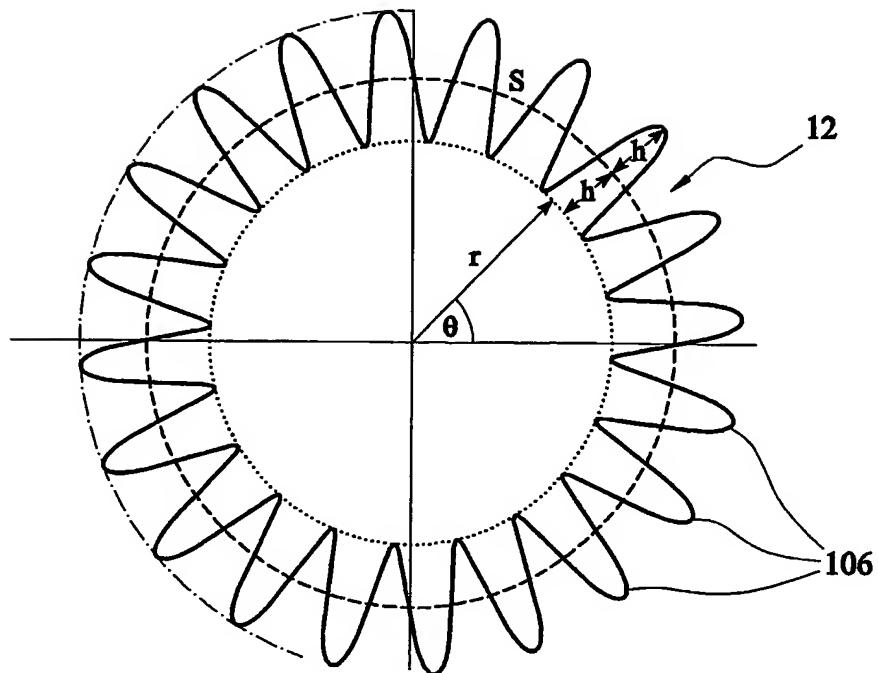


FIG. 4

-3/5-



where:  
 $S$  = total circumferential length  
 $\theta$  = angular distance around insulator from given starting point  
 $r$  = radius of insulator at any point (based on existing insulator design)  
 $h$  = amplitude of flute at given radius  
and the number of flutes is designated "N"

FIG. 5

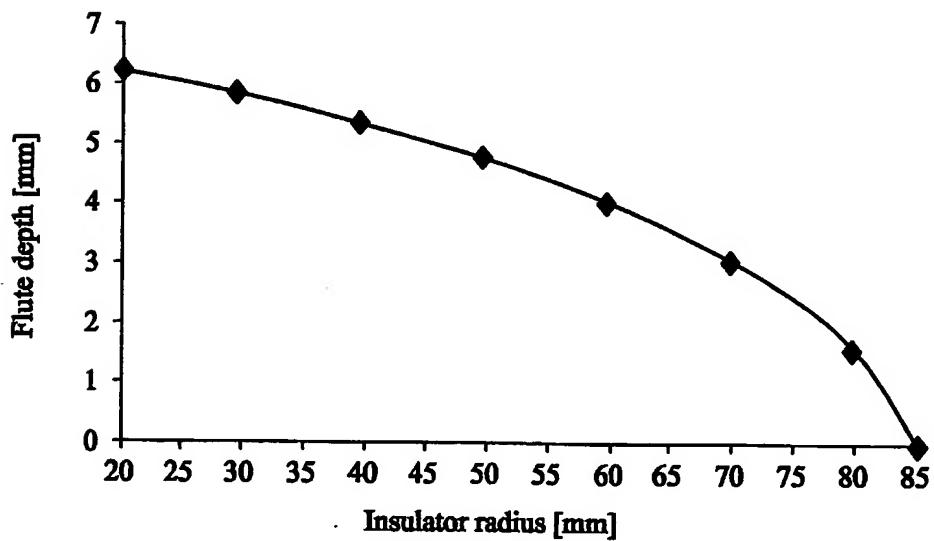


FIG. 6

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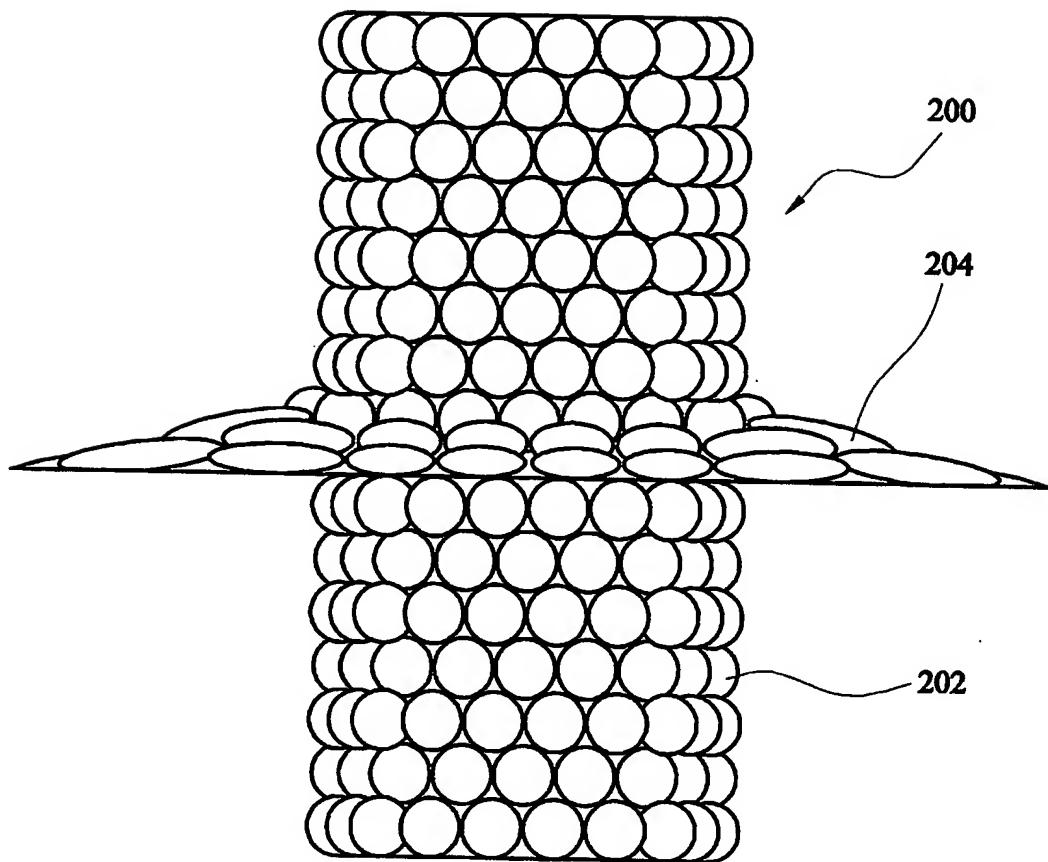
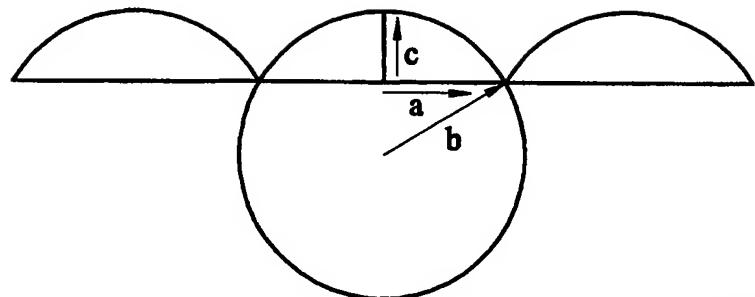
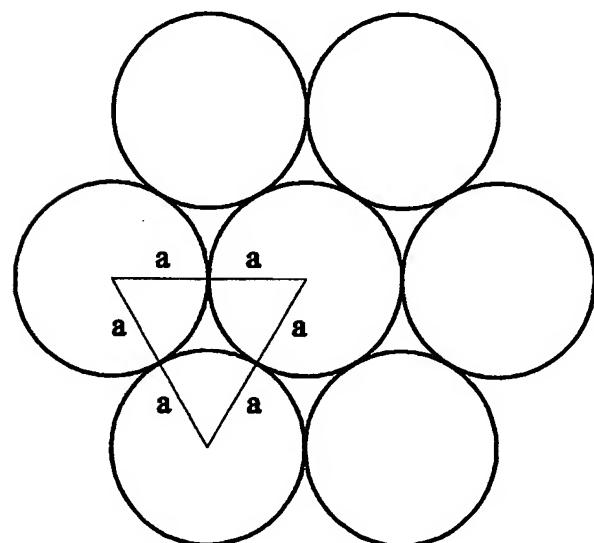


FIG. 7

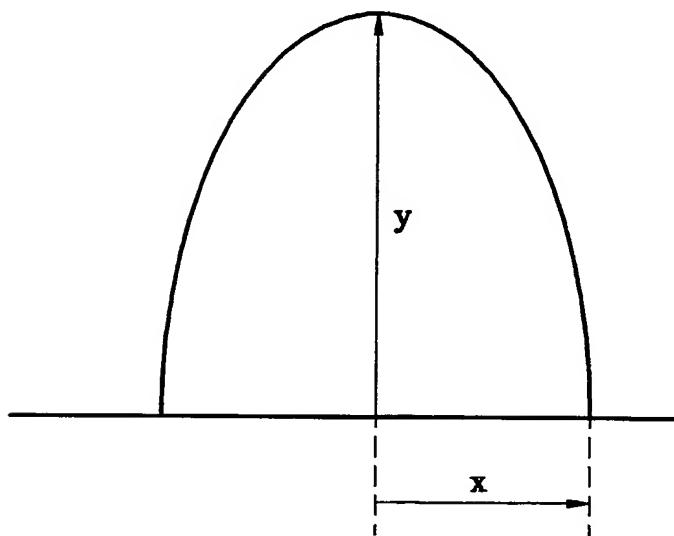
-5/5-



**FIG. 8**



**FIG. 9**



**FIG. 10**